

# Converting Colors

Hex(E12D6E)

Have a look what the booklet for  
Hex(E12D6E) contains.

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# Color

**Hex(E12D6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E12D6E
RGB	225, 45, 110
RGB Percent	88%, 18%, 43%
CMY	0.1176, 0.8235, 0.5686
CMYK	0.00, 0.80, 0.51, 0.12
HSL	338°, 75%, 53%
HSV	338°, 80%, 88%
XYZ	34.8042, 19.0101, 16.5868
YIQ	106.2300, 86.4150, 58.3750

# Conversions

## Conversions Part 2

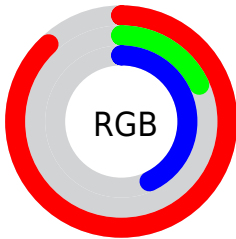
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 45, 110
Decimal	14757230
CIE <sub>Lab</sub>	50.70, 70.22, 8.18
CIE <sub>LCh</sub>	51, 70.692, 6.648
Yxy	19.0101, 0.4944, 0.2700
Android (android.graphics.Color)	4292947310 (0xFFE12D6E)
YUV	106.2300, 1.8586, 104.1613
Hunter-Lab	43.6006, 66.1867, 7.9650

# Details

The Hex color **E12D6E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **2DE1A0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6EA1**, and **A3003F** is the 20% darker color. If you saturate the color by 10%, you get **E11660**, and if you desaturate by 10%, it is **E1447C**.

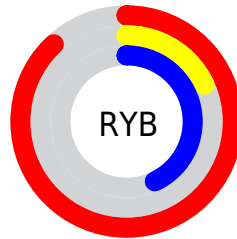
# Distribution



Red (88%)

Green (18%)

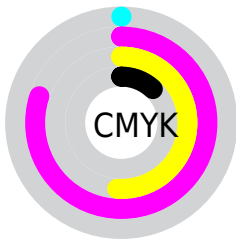
Blue (43%)



Red (88%)

Yellow (18%)

Blue (43%)

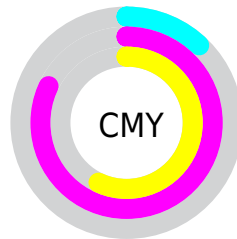


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E12D6E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E12D6E by changing the saturation by 10% instead.



 E12D6E

 E12D6E

FFFFFF

 C20056

 FF6EA1

 A3003F

 FF8BBC

 850029

 FFA8D8

 670016

 FFC6F4

 4B0003


 FFE3FF

 2B0001

 000000

 E12D6E

 E12D6E

 E11660

 E1447C

 E10051

 E15A8B

 E17199

 E187A8

 E19DB6

 E1B4C4

 E1CBD3

 E1E1E1

 E1F8EF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CA40AA



E12D6E



D84434

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E12D6E



448900



008CE8

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E12D6E



2DE1A0

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0092C0



E12D6E



009046

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E12D6E



867B00



009385



007CF2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E12D6E



C45A04



009385



008FDD



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E12D6E



FFC2D8



9F2DE1



805B68



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E12D6E



FF0A63



E1452D



706569



B00040



300011



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E12D6E



FF0A63



2DC9E1



706569



B00040

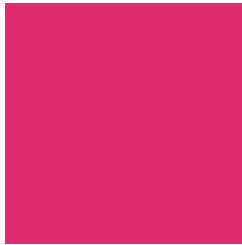


300011



# Previews

## White Background



This preview shows how the Hex color E12D6E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E12D6E Background



This preview shows how black text looks on a background with the Hex color E12D6E.



This preview shows how white text looks on a background with the Hex color E12D6E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
DF3B3D

# Trichromacy



**Original Color**  
E12D6E

**Protanomaly**  
9A5D87

**Deuteranomaly**  
AB5B68

**Tritanomaly**  
E0364F

# Monochromacy



**Original Color**  
E12D6E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
95546B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E12D6E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E12D6E looks like.

```
.text, #text, p{  
    color:#E12D6E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E12D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12D6E
}
```

## Border

The CSS property to change the border of an element to Hex E12D6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E12D6E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E12D6E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E12D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12D6E; -webkit-box-shadow:4px 4px  
4px 4px #E12D6E; box-shadow:4px 4px 4px  
4px #E12D6E }
```

# Background

The CSS property to change the background color of an element to Hex E12D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12D6E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E12D6E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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